TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION Effective April 1, 2011
RV-28 Revised July 1, 2011

*The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**. This product shall be subject to reevaluation **July 2015.***

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code and the Texas Engineering Practice Act.

Xtractor Vent® XLP, **Xtractor Vent® X18 and the Xtractor Vent® XLP Turbo Shingle Over Ridge Vents** manufactured by

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are accepted for use in designated catastrophe zones along the Texas Gulf Coast when installed in accordance with the manufacturer's installation instructions and this product evaluation. The **Xtractor Vent® X18 Shingle Over Ridge Vent** is also sold under the names **TAMKO Coolridge and TAMLYN Moflo®.** The **Xtractor Vent ® XLP Turbo** is also sold under the brand name **TAMKO Xtractor Vent® XLP Turbo.**

PRODUCT DESCRIPTION

The Xtractor Vent® XLP: is a sectional, under-the-shingle ventilator used to provide natural ventilation for an enclosed attic in residential construction. The Xtractor Vent® XLP is a low profile plastic shingle over ridge vent that is designed to be installed using a nail gun. The Xtractor Vent® XLP is 14" wide and $\frac{5}{8}$" thick. It is available in 48" long sections and comes in packages of 14. The Xtractor Vent® XLP is manufactured of injection-molded polypropylene modified for impact resistance and UV resistance.

Xtractor Vent® X18: The Xtractor Vent® X18 is a sectional, under-the-shingle ventilator used to provide natural ventilation for an enclosed attic in residential construction. The Xtractor Vent® X18 is a plastic shingle over ridge vent that provides 18 square inches of net free area per linear foot. It is designed to be installed by hand nailing. The Xtractor Vent® X18 is 14 $\frac{3}{4}$" wide and $\frac{13}{16}$" thick. It is available in 48" long sections and comes in packages of 12. The Xtractor Vent® X18 is manufactured of injection-molded polypropylene modified for impact resistance and UV resistance.

Xtractor Vent® XLP Turbo: The Xtractor Vent® XLP Turbo is an externally baffled rolled ridge vent. An alternative to Xtractor Vents three sectional varieties of shingle over ridge vents; the Xtractor Vent XLP Turbo is shingle over ridge vent that can be cut to any size and can be installed using a pneumatic nail gun. The vent is 13 $\frac{5}{8}$" in width and $\frac{5}{8}$" in height and comes in rolls of 25 feet.

LIMITATIONS

Design Wind Pressure:

- **Xtractor Vent® X18 and Xtractor Vent® XLP……..……..**-360 psf
- **Xtractor Vent® XLP Turbo:...……...…-**440 psf

Roof Slope: Xtractor Vent® X18, Xtractor Vent® XLP, and Xtractor Vent® XLP Turbo Shingle over Ridge Vents shall be installed on roofs with a minimum slope of 3:12 and a maximum slope of 16:12. For hip roof applications, the maximum roof slope shall not exceed 12:12.

INSTALLATION INSTRUCTIONS

General: The Xtractor Vent® XLP, Xtractor Vent® X18 and the Xtractor Vent® XLP Turbo roof ventilators shall be installed in accordance with "Application & Architectural Drawings," published by Benjamin Obdyke, Inc. and this evaluation report.

Roof Deck:

- **Xtractor Vent® XLP and Xtractor Vent® X18 Shingle Over Ridge Vents**
  The roof deck shall consist of wood structural panels (plywood or OSB) with a minimum thickness of ⅜". A continuous slot shall be cut in the roof sheathing. For the Xtractor Vent® XLP, the minimum nominal width of the slot, measured horizontally, shall be ¾" on each side of the roof ridge. For the Xtractor Vent® X18, the minimum nominal width of the slot, measured horizontally, shall be 1" on each side of the roof ridge.

- **Xtractor Vent® XLP Turbo:**
  The roof deck shall consist of wood structural panels (plywood or OSB) with a minimum thickness of ⅜". A slot is to be cut in the roof sheathing along the roof ridge 1 ½" wide (¾" on each side). If a ridge beam is present, cut a slot ¾" on each side of ridge.

Installation:

- **Xtractor Vent® X18, Xtractor Vent® XLP** Asphalt shingles shall be installed over the ridge vents. The asphalt shingles and the ridge vent shall be secured to the roof deck with roofing nails, nominal 0.125" smooth shank diameter, 0.410" diameter head, and a minimum 2 ½" long nails shall be used. The fasteners shall be long enough to penetrate through the roof deck. The fasteners shall be located on each side of the ridge vent and spaced near each end of the ridge vent and at 5 inches on center along the length of the ridge vent.

- **Xtractor Vent® XLP Turbo**
  The ridge vent is secured to the roof deck with 1 ¾" roofing nails with a shank diameter of 0.125" and a head diameter of 0.410". Attach the ridge vent to the deck using at least two (2) nails at each end and in the middle of the roll in the nail line area, spacing approximately every 12 inches on center.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.